Title (en)

Method for grid-based processing of sensor signals

Title (de)

Verfahren zum gitterbasierten Verarbeiten von Sensorsignalen

Title (fr)

Procédé de traitement de signaux de capteur basé sur une grille

Publication

EP 1927866 A1 20080604 (DE)

Application

EP 07117855 A 20071004

Priority

DE 102006056835 A 20061201

Abstract (en)

The method involves assigning a field of a base (28), which is defined by a kinematic size e.g. position, speed and acceleration, to a cell (30) of a lattice. The cell is adhered for a value for another kinematic size, which is derived from a sensor signal. A sensor data consolidation is accomplished with the processed sensor signals, where the sensor signals are processed in a module of a driver assisting device of a vehicle e.g. motor vehicle. Independent claims are also included for the following: (1) a computer program with a program code to implement a method for grid-based processing of sensor signals (2) a computer program product with a program code for implementing a method for grid-based processing of sensor signals.

Abstract (de)

Die Erfindung betrifft ein Verfahren zum gitterbasierten Verarbeiten von Sensorsignalen, bei dem einem Feld (60) einer Basis (28, 42), die über mindestens eine erste kinematische Größe definiert wird, mindestens eine Zelle (30) eines Gitters zugeordnet wird, und bei dem der Zelle (30) mindestens ein Wert für mindestens eine zweite kinematische Größe, die aus mindestens einem Sensorsignal abgeleitet wird, angehängt wird.

IPC 8 full level

G01S 13/72 (2006.01); **G01S 13/86** (2006.01)

CPC (source: EP)

G01S 13/723 (2013.01); **G01S 13/86** (2013.01); **G06V 20/58** (2022.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

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AL BA HR MK RS

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